

## Joseph J. Walding *MSci.(Hons) ARCS*

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- CONTACT INFORMATION Imperial College London  
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- EDUCATION **Imperial College London**, London, UK  
Ph.D, Expected Completion Date: January 2010  
  - Thesis Title: “A sub-GeV Charged-Current Quasi-Elastic  $\nu_\mu$  cross-section Measurement on carbon at SciBooNE”
  - Supervisor: Dr. Morgan Wascko**Imperial College London**, London, UK  
M.Sci. Physics, June, 2005  
  - 1st Class Hons.
- EXPERIENCE **Imperial College London**, London, UK  
*Ph.D Student* **September 2005 - Present**  
Under supervision of Dr. M. Wascko  
*1<sup>st</sup> Year Physics Undergraduate Project Supervisor* **May - June 2009**  
Design and supervise a C++ based 6 week summer project for three undergraduate physics students  
*UROP Summer Placement* **June - September 2004**  
Undergraduate Research Opportunities Program  
Summer project for MICE Collaboration under supervision of Prof. K. Long
- PUBLICATIONS K. Hiraide *et al.* [SciBooNE Collaboration],  
“Search for Charged Current Coherent Pion Production on Carbon in a Few-GeV Neutrino Beam,” *Phys. Rev. D* **78** (2008) 112004 [arXiv:0811.0369 [hep-ex]].  
Y. Kurimoto *et al.* [SciBooNE Collaboration],  
“Measurement of Inclusive Neutral Current Neutral Pion Production on Carbon in a Few-GeV Neutrino Beam,” [arXiv:0910.5768 [hep-ex]].
- CONFERENCE PROCEEDINGS J. Walding “The Muon Range Detector at SciBooNE (Poster)”  
**NuInt '07**, AIP Conf.Proc.967:289-291, 2007.  
J. Walding “Measurement of the muon-neutrino charged-current quasi-elastic cross-section in the SciBooNE experiment”  
**NuInt '09**, [arXiv:0909.5647 [hep-ex]].
- PUBLIC TALKS “ $\nu_\mu$  CCQE Cross-Section Measurement for SciBooNE”  
**NuInt '09**, Sixth International Workshop on Neutrino-Nucleus Interactions in the Few-GeV Region. Sitges, Spain. On behalf of the SciBooNE Collaboration. May 2009

“The SciBooNE Experiment and a Charged-Current Analysis Overview”  
**New Perspectives Conference 2008**, Fermilab, USA. On behalf of the SciBooNE  
Collaboration. June 2008

“SciBooNE: Motivation, Construction and Preliminary CCQE Analysis”  
**IOP HEPP 2008**, Annual conference of the High Energy Particle Physics group of the  
Institute of Physics. Lancaster University, Lancaster, UK. On behalf of the SciBooNE  
Collaboration. March 2008.